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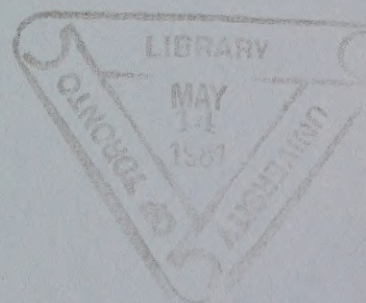
NATIONAL ENERGY BOARD REASONS FOR DECISION

In the Matter of Applications under
The National Energy Board Act of

Foothills Pipe Lines (Alta.) Ltd.

For the Taking of
Additional Lands

March 6 , 1981



NATIONAL ENERGY BOARD

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Ce rapport est publié
séparément dans les deux
langues officielles.

NATIONAL ENERGY BOARD

IN THE MATTER of applications dated the 11th and 15th days of December, 1980 by Foothills Pipe Lines (Alta.) Ltd. for Authority to take Additional Lands, required for the Construction, Maintenance and Operation of a Pipeline, pursuant to section 74 of the National Energy Board Act.

Northern Pipeline Agency Files No. 8265 and No. 8266.

Heard at the Town of Olds, in the Province of Alberta, on the 29th day of January, 1981.


BEFORE:

W.A. Scotland, Designated Officer
Northern Pipeline Agency,

pursuant to the powers, duties and functions delegated to him by the National Energy Board in its Order No. NPO-1-78 dated the 27th day of July, 1978.

APPEARANCES:

G.E. ANDERSON	Foothills Pipe Lines (Alta.) Ltd.
R. Watson	Foothills Pipe Lines (Alta.) Ltd.
L. Paget	Private Citizen
Mr. R.H. Ross	Landowner
Mrs. R.H. Ross	Landowner
K. Burrell	Landowner
J.F. Edwards	Landowner
A.R. Mackintosh	Landowner
B.H. Braun	Landowner
Mrs. D.L. Burrell	Landowner
E.H. Braun	Landowner
L.G. Ganne	Northern Pipeline Agency



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BACKGROUND

The National Energy Board Act (NEB Act) provides, under Section 73, that a pipeline company may, without the consent of the owner, take lands for right-of-way to a maximum breadth of sixty feet (18.288 m). Under Section 74⁽¹⁾ of the same Act, a company may apply to the National Energy Board (the Board) for authority to take additional lands without the consent of the owner if such lands are required for the efficient construction, maintenance or operation of a pipeline or for constructing or taking any works or measures ordered by the Board.

The Northern Pipeline Act was enacted to establish the Northern Pipeline Agency (the Agency) to facilitate the planning and construction of a pipeline which has become known as the Alaska Highway Gas Pipeline (AHGP). Foothills Pipe Lines (Alta.) Ltd. [Foothills (Alta.)], a subsidiary of Foothills Pipe Lines (Yukon) Ltd., is the company which will own and operate the segments of the AHGP which are being constructed in Alberta.

Subsection 6(1) of the Northern Pipeline Act provides for the delegation of certain powers, duties and functions of the Board under the NEB Act to the Designated Officer of the Northern Pipeline Agency. The Board by its Order No. NPO-1-78⁽²⁾ delegated to William Alexander Scotland, Designated Officer and Deputy Administrator of the Northern Pipeline Agency its powers, duties and functions in respect of certain sections of the NEB Act including Section 74 for the Canadian section of the AHGP. This hearing was conducted pursuant to those delegated powers.

(1) See Appendix I
(2) See Appendix II

THE APPLICATIONS

Foothills (Alta.) applied to the Board in five separate applications for authority to take additional lands along its proposed right-of-way within Zone 6⁽³⁾ between kilometre posts 0.0 and 53.8.

The applications would provide Foothills (Alta.) with a pipeline right-of-way and permanent working space of 29 metres (95.1 feet) in breadth. In addition, Foothills (Alta.), where required, is applying for up to a maximum of 10.0 metres (32.8 feet) of temporary working space next to its right-of-way and further additional lands at river crossings.

Foothills (Alta.) classified the additional lands applied for into three categories of linear land use:

Schedule "A" lands, being additional right-of-way on which Foothills (Alta.) may carry on pipeline construction and maintenance including ditching and installation of pipeline.

Schedule "B" lands, being additional right-of-way providing permanent working space adjacent to the sixty foot (18.288 metre) right-of-way, for which provision is made in section 73 of the NEB Act. The permanent working space lies entirely within an existing right-of-way of NOVA, AN ALBERTA CORPORATION (NOVA). The activities Foothills (Alta.) may conduct on the permanent working space are the normal pipeline construction and maintenance activities limited generally to surface use. Ditching and laying pipe in the ditch cannot be done.

Schedule "C" lands being temporary working space which would be used only during construction of the pipeline.

(3) Zone 6 is described in Annex II to Schedule I to the Northern Pipeline Act as the route from Caroline, Alberta to the Alberta-Saskatchewan Border near Empress, Alberta.

EVIDENCE

The five applications for additional lands are within construction section No. 1 of the Foothills (Alta.) pipeline and were heard together as one application.

Foothills (Alta.) stated that it required the additional lands because the lands, sixty feet (18.288 metres) in breadth, which are permitted to be taken for right-of-way of a pipeline under section 73 of the NEB Act, are insufficient to allow Foothills (Alta.) to efficiently construct, maintain or operate its 1,067 mm (42") diameter pipeline in accordance with accepted practices in the pipeline industry.

Foothills (Alta.) filed four diagrams showing its various proposed right-of-way configurations for construction⁽⁴⁾.

Foothills (Alta.) stated that the 29 metres (95.1 feet) (See Figure 1) of Schedule "A" lands and Schedule "B" lands that it requires would be used as follows:

- (a) 2.0 metres (6.6 feet) for the ditch to accommodate the pipe.
- (b) 6.2 metres (20.3 feet) on which to place subsoil removed from the ditch during construction and any maintenance of the pipeline.
- (c) 3.8 metres (12.4 feet) in order to facilitate preservation of topsoil removed from the ditch during construction and any maintenance of the pipeline.
- (d) 6.0 metres (19.7 feet) for the assembling and welding of the pipe prior to installation during construction and any maintenance of the pipeline.

(4) See Figures 1, 2, 3 and 4.

- (e) 6.1 metres (20 feet) for the operation of lifting requirement engaged in the construction and any maintenance of the pipeline.
- (f) 4.9 metres (16.1 feet) to allow for the passage of vehicles and other machinery during construction and any maintenance of the pipeline.

The 29 metre (95.1 feet) right-of-way width is required in areas requiring only minimal grading. Foothills (Alta.) stated that it will require an additional temporary working space of up to 10 metres (32.8 feet) for the placement of additional topsoil and grading material in areas where a more significant amount of grading must take place (see Figures 2, 3 & 4).

Foothills (Alta.) has adopted a pipeline corridor concept for the location of its pipeline which, it stated, has substantially reduced its overall land requirements. Foothills (Alta.), where possible, has located its pipeline immediately adjacent to the right-of-way of NOVA and proposes to use up to a maximum of 8.66 metres (28.44 feet) of the NOVA right-of-way for permanent working space.

Mr. L. Paget, whose lands are not included in these applications, appeared on his own behalf and questioned Foothills (Alta.) about its topsoil conservation procedures.

Mr. R.H. Ross and Mrs. R.H. Ross, appearing on their own behalf opposed the concept of a pipeline corridor and also opposed the use of temporary working space.

Mr. K. Burrell, appearing on his own behalf, questioned Foothills on topsoil conservation practices and provisions for inspection of the contractors' work.

Mr. J. Edwards, in a written submission and appearing at the hearing on his own behalf, opposed the location of the pipeline because it interferes with his plans to construct a new barn on a farmstead which is already in existence.

Mr. A.R. Mackintosh, in a written submission and appearing on his own behalf, expressed concern over the effect that additional pipeline construction would have on the freezing of his spring-fed creek. He alleged that the clearing of trees which shelter the creek bed by the previous NOVA construction has caused problems which would be exacerbated by the further clearing by Foothills (Alta.). Foothills (Alta.) agreed to reduce its clearing requirements through the treed area and consider planting a windbreak.

Mr. B.H. Braun, in a written submission and appearing on his own behalf, opposed the taking of additional lands and also opposed the location of the pipeline. In his view, the location would make a proposed building site unusable.

Mrs. D.L. Burrell, appearing on her own behalf, expressed concern over the lack of discussion with landowners by Foothills (Alta.) land representatives.

Mr. E.H. Braun supported the need for the additional right-of-way but expressed a concern over compensation, as did many of the other people appearing at the hearing.

UNIFARM, an active farmers' organization in Alberta, in a written submission which was not supported by an appearance at the hearing recognized the need for additional lands. UNIFARM expressed concern over the present procedure used in taking lands and the use by Foothills (Alta.) of "permanent working space".


VIEWS OF THE DESIGNATED OFFICER

The evidence presented by Foothills (Alta.) to support its request for additional lands demonstrated a need for the additional lands. The requirement by Foothills (Alta.) for additional permanent right-of-way, in most cases 2.05 metres (6.7 feet), outweighed, in my opinion, the opposition expressed thereto. Similarly, the need for additional temporary working space was demonstrated to my satisfaction. The use of an overlapping right-of-way with NOVA by Foothills (Alta.) as permanent working space is, in my opinion, a responsible and efficient method of reducing the combined width of right-of-way and will reduce the total new land area which would otherwise be used during pipeline construction. I note that many concerns were expressed over topsoil conservation. I find that this issue and those related thereto, are addressed by sections 80, 81 and 82 as well as other sections, of the Northern Pipeline Socio-Economic and Environmental Terms and Conditions for the Province of Alberta. Foothills (Alta.) is by law obliged to meet these requirements and I am satisfied the Agency's field surveillance and inspection staff will give this matter special consideration to ensure compliance therewith during construction. Most of the other concerns expressed were with the location of the pipeline and were also related to matters of compensation. Unfortunately both of these matters of concern are beyond the scope of this hearing and the latter is beyond the authority of the Board. I share the concerns of Mr. A.R. Mackintosh regarding his spring-fed creek for the watering of his livestock. I consider it to be reasonable for Foothills (Alta.) to take special mitigative measures such as tree planting and to this end I expect that it will seek and secure the support of NOVA.

I conclude that Foothills (Alta.) requires the additional lands requested in these applications for the efficient construction, maintenance and operation of its proposed pipeline.

DECISION

Having considered the evidence and argument presented to me with respect to the five applications of Foothills (Alta.) for leave to take additional lands and having taken into account all matters that appear to me to be relevant, I am satisfied that granting permission to Foothills (Alta.) to take the additional lands requested is necessary for the efficient construction, maintenance and operation of its proposed pipeline. I, therefore have issued orders authorizing the taking of such lands.



W.A. Scotland
Designated Officer
Northern Pipeline Agency

Calgary, Alberta March 6, 1981

RIGHT-OF-WAY CONFIGURATION (29m) FOR 1067mm EASTERN LEG

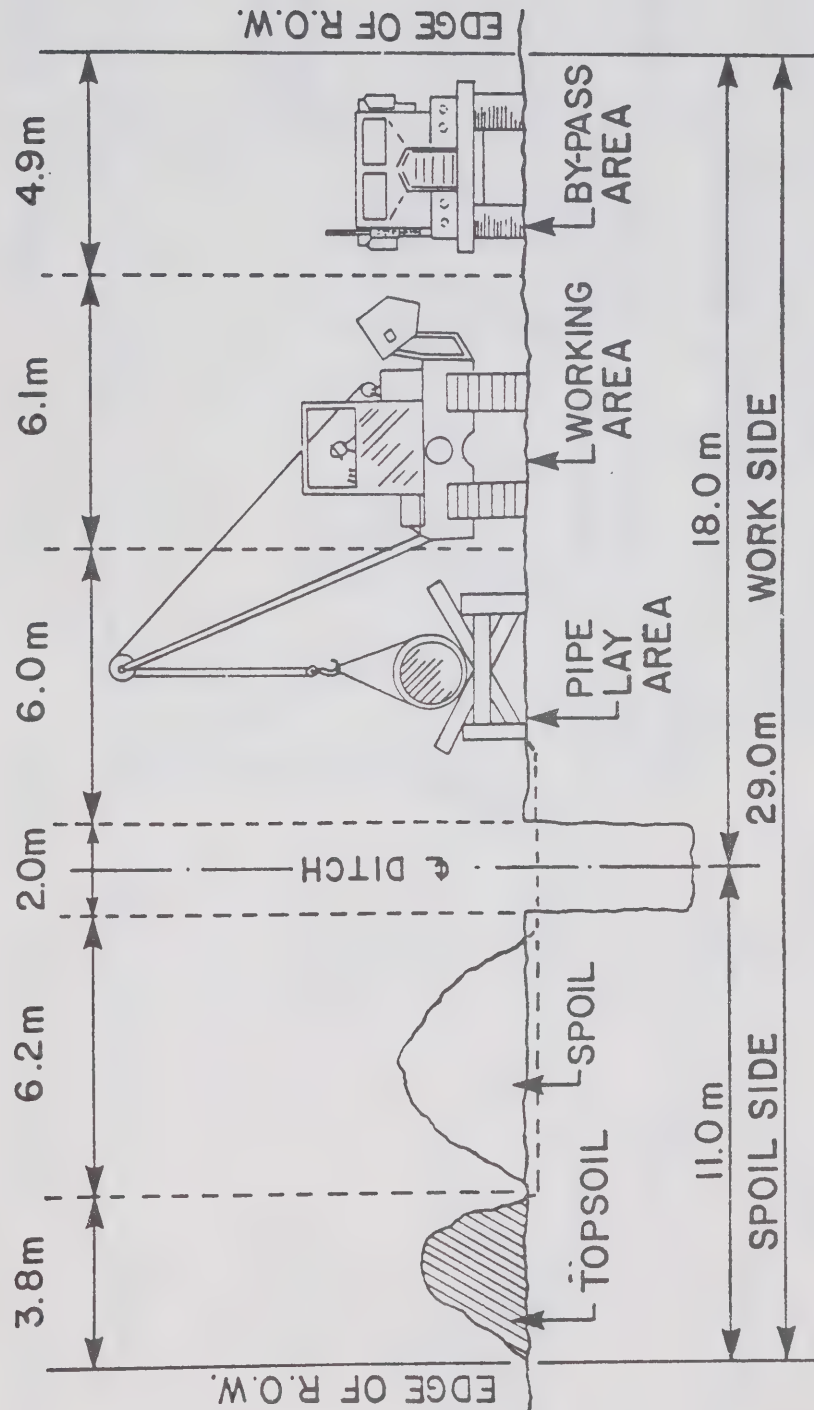


Figure 1
(Exhibit No. 105)

RIGHT OF WAY CONFIGURATION (34 m) FOR 1067 mm EASTERN LEG

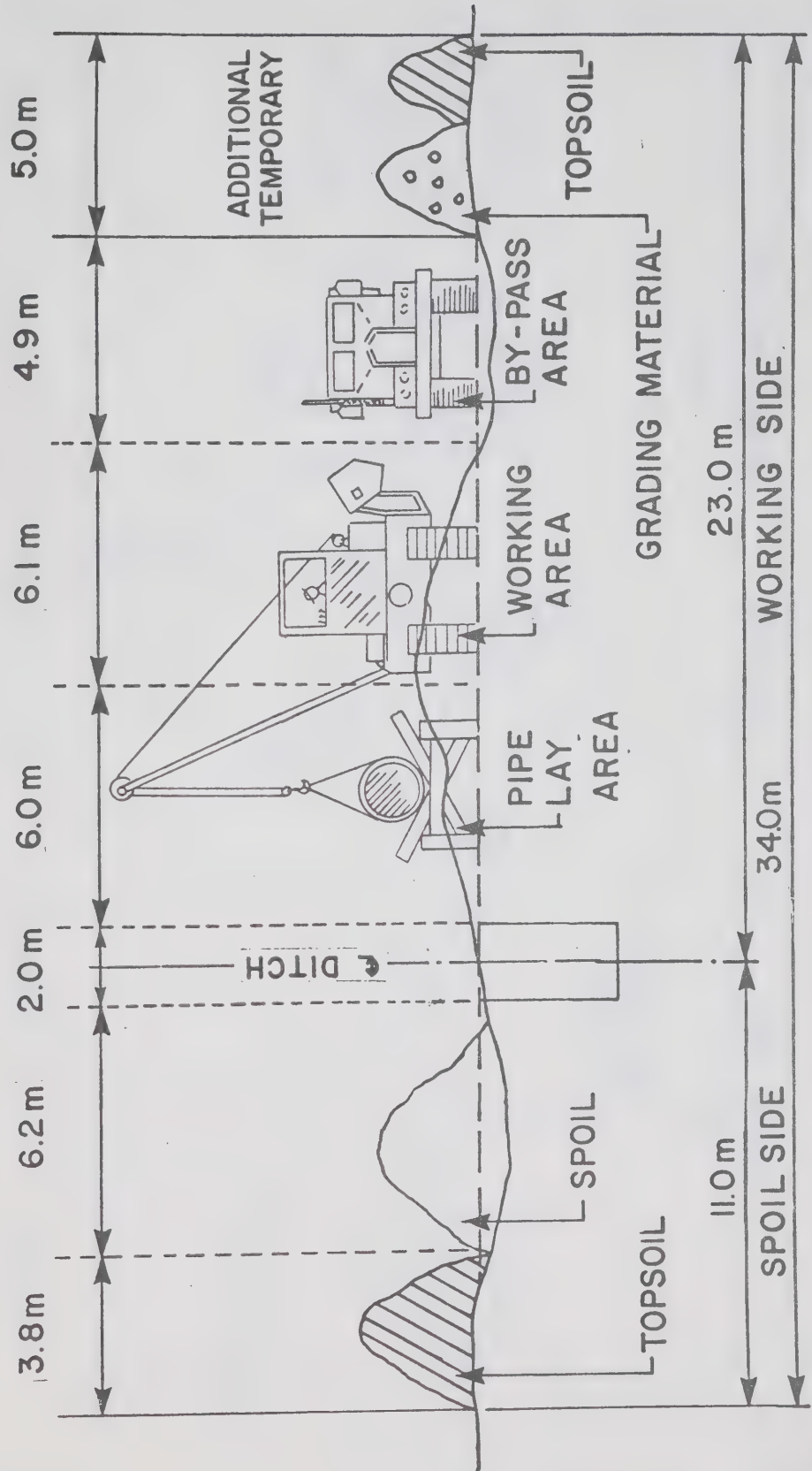


Figure 2
(Exhibit No. 106)

RIGHT OF WAY CONFIGURATION (34m) FOR 1067mm EASTERN LEG

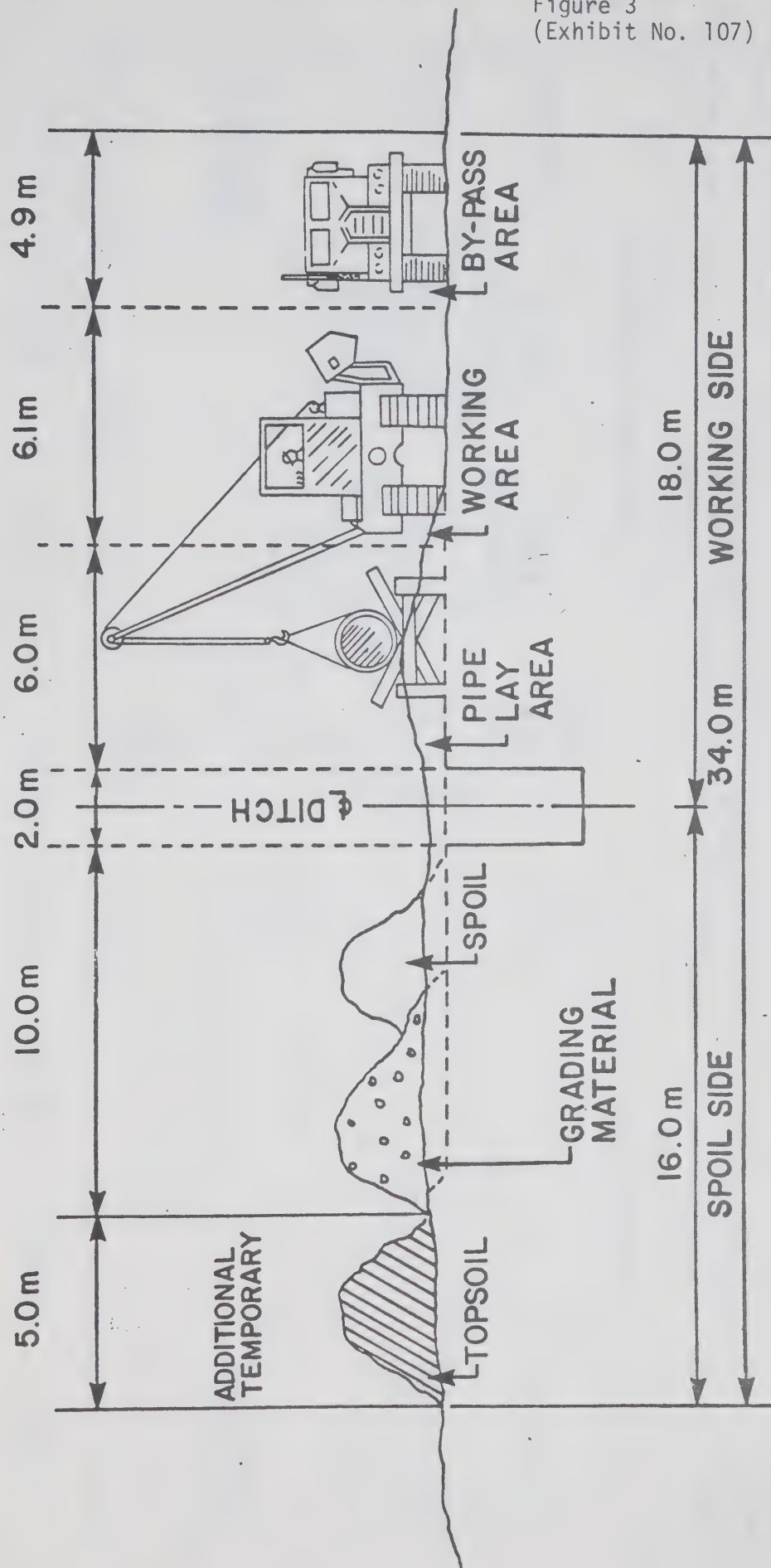
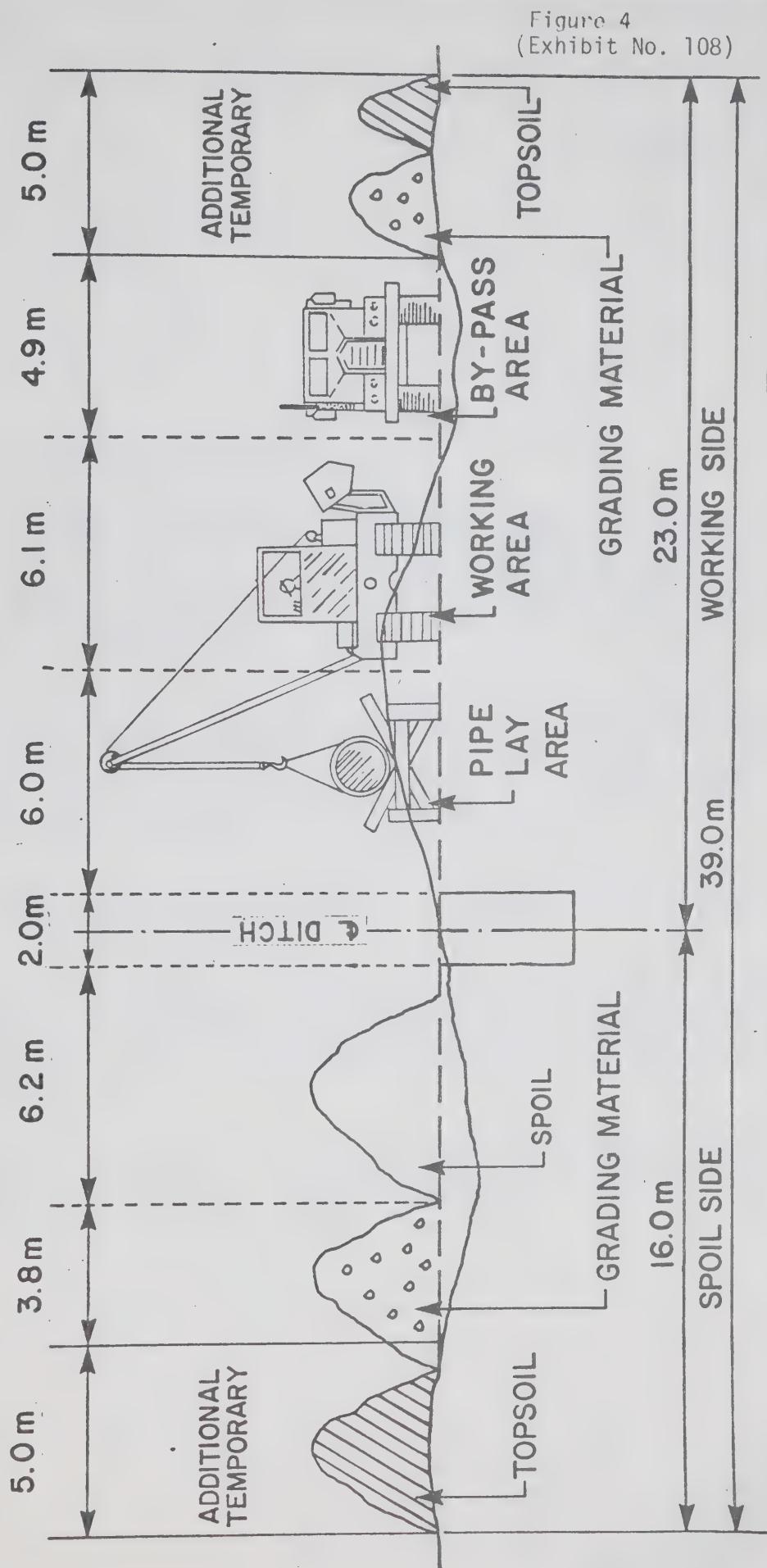


Figure 3
(Exhibit No. 107)

RIGHT OF WAY CONFIGURATION
EASTERN LEG
A.H.P.P. 60A

RIGHT OF WAY CONFIGURATION (39m) FOR 1067mm EASTERN LEG



RIGHT OF WAY CONFIGURATION
EASTERN LEG
A.H.P.P. 61

SECTION 74 OF THE NATIONAL ENERGY BOARD ACT

74.(1) Where a company at any time requires more ample space than it possesses or may take under section 73, for the efficient construction, maintenance or operation of a pipeline or for constructing or taking any works or measures ordered by the Board, it may apply to the Board for authority to take, without the consent of the owner, the additional lands required for such purposes.

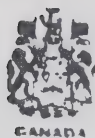
(2) The Board shall set a time for the hearing of the application which shall be sufficient to permit at least twenty-one days notice thereof to be given by the company to the owners or possessors of the additional lands required, and the company shall give notice thereof accordingly and shall, upon such hearing, furnish to the Board copies of such notices, with affidavits of the service thereof.

(3) The company, upon the application, shall also furnish to the Board such plans, profiles and books of reference and additional information as the Board may require.

(4) After the time stated in such notices, and the hearing of such parties interested as may appear, the Board may, in its discretion and upon such terms and conditions as it deems expedient, authorize in writing the taking for the said purposes of the whole or any portion of the lands applied for.

(5) Copies of the authorization of the Board and of the plan, profile and book of reference, certified as such by the Secretary of the Board shall be deposited with the registrars of deeds of the districts or counties in which the lands are situated.

NATIONAL ENERGY BOARD



OFFICE NATIONAL DE L'ÉNERGIE

ORDER NO. NPO-1-78

IN THE MATTER OF the Northern Pipeline Act; and

IN THE MATTER OF the delegation by the National Energy Board of certain of its powers, duties and functions under the National Energy Board Act, pursuant to subsection 6(1) of the Northern Pipeline Act.

B E F O R E the Board on Thursday, the 27th day of July, 1978.

WHEREAS the Governor in Council having, by Order in Council P.C. 1978-1631, dated the 11th day of May, 1978, and pursuant to subsection 5(4) of the Northern Pipeline Act, designated William Alexander Scotland, an Associate Vice-Chairman of the Board, as a deputy to the Administrator of the Northern Pipeline Agency, effective the 15th day of May, 1978;

AND WHEREAS William Alexander Scotland, as a deputy to the said Administrator, is the "designated officer" within the meaning of subsection 2(1) of the Northern Pipeline Act;

AND WHEREAS the National Energy Board may, by order, in respect of the pipeline referred to in subsection 2(1) of the Northern Pipeline Act, delegate to the designated officer certain of the powers, duties and functions of the Board under the National Energy Board Act, as more particularly set forth in subsection 6(1) of the Northern Pipeline Act;

AND WHEREAS the National Energy Board considers it necessary and desirable to delegate to the designated officer certain of its powers, duties and functions under the National Energy Board Act in respect to the pipeline referred to in subsection 2(1) of the Northern Pipeline Act;

1. IT IS ORDERED THAT the powers, duties and functions of the National Energy Board under the following provisions of the National Energy Board Act, namely:

subsections 29(2) and 29(4)
subsection 32(2)
section 35

- 2 -

subsections 36(2) and 36(3)
section 37
section 68
section 71
section 76
section 77

be and the same are hereby delegated to the designated officer, solely in respect of the pipeline referred to in subsection 2(1) of the Northern Pipeline Act.

2. AND IT IS FURTHER ORDERED THAT, for the purpose only of exercising and performing the powers, duties and functions of the Board set forth in paragraph 1 of this Order in respect of the pipeline referred to in subsection 2(1) of the Northern Pipeline Act, the powers of the National Energy Board under the following provisions of the National Energy Board Act, namely:

subparagraphs 7(a) and 7(b)
subsection 10(3)
section 11
section 12
subsection 14(2)
section 16
subsection 17(1)
subsection 20(3)

be and the same are hereby delegated to the designated officer.

3. AND IT IS FURTHER ORDERED THAT the delegation by the Board of its powers, duties and functions as set out in paragraphs 1 and 2 hereof, shall be effective on the 27th day of July, 1978, in respect of the whole of the pipeline referred to in subsection 2(1) of the Northern Pipeline Act, and shall terminate in respect of each section of the said pipeline on the day on which the Board grants leave to open, pursuant to section 38 of the National Energy Board Act, for each such section of the said pipeline.

NATIONAL ENERGY BOARD
CANADA

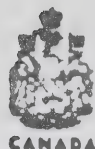
NATIONAL ENERGY BOARD

EXAMINED AND CERTIFIED TO BE A TRUE COPY
OF AN ORDER OF THE NATIONAL ENERGY
BOARD. MAY 9 1980
DATED AT

SECRETARY, NATIONAL ENERGY
BOARD, OTTAWA, CANADA

Brian H. Whittle
Secretary

NATIONAL ENERGY BOARD



OFFICE NATIONAL DE L'ÉNERGIE

ORDER NO. NP-MH-3-80

IN THE MATTER OF the National Energy Board Act
and the Regulations made thereunder; and

IN THE MATTER OF six (6) applications made by
Foothills Pipe Lines (Alta.) Ltd. (hereinafter
called "the Applicant") for authority to take,
without the consent of the owners, certain
additional lands required for the construc-
tion, maintenance and operation of the pipe-
line of the Applicant pursuant to the provi-
sions of section 74 of the said Act; and

IN THE MATTER OF ORDER NO. NPO-1-78, dated the
27th day of July, 1978, made by the National
Energy Board pursuant to the provisions of
subsection 6(1) of the Northern Pipeline Act,
whereby the Board did delegate to William
Alexander Scotland as Designated Officer,
Northern Pipeline Agency, certain of its
powers, duties and functions under the
National Energy Board Act, including the
provisions of section 74 of the said Act, in
respect of the pipeline referred to in
subsection 2(1) of the Northern Pipeline Act.

Agency Files No. 8265 and 8266.

B E F O R E the Designated Officer on Wednesday, the 17th day of
December, 1980.

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UPON reading the applications, three (3) dated the 11th day of December, 1980 and three (3) dated the 15th day of December, 1980 made by the Applicant:

IT IS ORDERED THAT

1. The Applications will be heard in the "Royal Canadian Legion Hall" located at 5241-46th Street in the Town of Olds, in the Province of Alberta, on the 29th day of January, 1981, commencing at the hour of 9:30 A.M. local time.

2. Notice of the hearing in the form prescribed by the Designated Officer, Northern Pipeline Agency, as set forth in the Notice attached to and which forms part of this Order shall be published not later than the 7th day of January, 1981, in one issue each of the "Calgary Herald" and the "Calgary Sun" both in the City of Calgary, and the "Olds Gazette" in the Town of Olds, all in the Province of Alberta, and as soon as possible in the "Canada Gazette".

3. Notice of the hearing shall forthwith be given by the Applicant by service of a true copy of this Order and of the applications filed upon the Attorney General of the Province of Alberta, the Canadian Federation of Agriculture (at 111 Sparks Street, Ottawa, Ontario), Unifarm (at 9934-106th Street, Edmonton, Alberta) and the owners or possessors of the additional lands required, not less than twenty-one (21) days prior to the date set down for the hearing, and the Applicant shall, upon such hearing, furnish to the Designated Officer, Northern Pipeline Agency, copies of such notices with the affidavits of the service thereof.

4. Any respondent or intervenor intending to oppose or intervene in the applications shall file, on or before the 19th day of January, 1981, with the Designated Officer, Northern Pipeline Agency, four (4)

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copies of a written statement containing his/her reply or submission, together with any supporting information, particulars or documents, which shall contain a concise statement of the facts from which the nature of the respondent's or intervenor's interest in the proceedings may be determined, which may admit or deny any or all of the facts alleged in the applications, and which shall be endorsed with the name and address of the respondent or intervenor or his/her solicitor to whom communications may be sent. Any respondent or intervenor shall, in addition, serve three (3) copies of his/her reply or submission, and supporting information, particulars or documents upon the Applicant and one (1) copy each upon the Attorney General of the Province of Alberta, the Canadian Federation of Agriculture (at 111 Sparks Street, Ottawa, Ontario) and Unifarm (at 9934-106th Street, Edmonton, Alberta).

5. Any interested party may examine a copy of the applications and the submissions filed therewith at the office of:

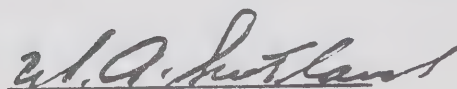
Northern Pipeline Agency
4th Floor - Shell Centre
400 Fourth Avenue South West
Calgary, Alberta T2P 0J4

or at the office of the Applicant's Agent:

The Alaska Project Division of
NOVA, AN ALBERTA CORPORATION
104 Fourth Avenue South East
Calgary, Alberta T2P 2M7
(Please contact D.T. Rigby,
Supervisor, Regulatory Affairs).

Dated at the City of Calgary, in the Province of Alberta,
this 17th day of December, 1980.

NATIONAL ENERGY BOARD


W.A. Scotland
Designated Officer,
Northern Pipeline Agency.

NP-MH-3-80

NATIONAL ENERGY BOARD
NOTICE OF HEARING

TAKE NOTICE that pursuant to the National Energy Board Act and the Regulations made thereunder, the Designated Officer, Northern Pipeline Agency, has ordered a hearing to be held in the "Royal Canadian Legion Hall", located at 5241 - 46th Street, in the Town of Olds, in the Province of Alberta, on the 29th day of January, 1981, commencing at the hour of 9:30 a.m. local time, to hear the applications of Foothills Pipe Lines (Alta.) Ltd. for leave to take, without the consent of the owners, certain additional lands pursuant to the provisions of section 74 of the Act consisting of:

- (a) "Additional Right-of-Way", containing by admeasurement approximately 12.1 hectares (about 29.9 acres),
- (b) "Permanent Working Space", containing by admeasurement approximately 13.5 hectares (about 33.5 acres), and
- (c) "Temporary Working Space", containing by admeasurement approximately 19.7 hectares (about 48.5 acres),

in an area extending in a southeasterly direction from a point within the South East Quarter of Section 26, Township 34, Range 6, which point lies approximately two kilometres north of a navigable water, known as "James River", to a point within the South West Quarter of Section 28, Township 30, Range 2, which point lies approximately nine kilometres northwest of the Town of Carstairs, all West of the 5th Meridian, in the Province of Alberta,

required for the efficient construction, maintenance and operation of the pipeline referred to in subsection 2(1) of the Northern Pipeline Act and as more particularly described in the said applications.

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AND THE DESIGNATED OFFICER, NORTHERN PIPELINE AGENCY, HAS FURTHER ORDERED THAT:

1. Any respondent or intervenor intending to oppose or intervene in the applications shall file, on or before the 19th day of January, 1981, with the Designated Officer, Northern Pipeline Agency, four (4) copies of a written statement containing his/her reply or submission, together with any supporting information, particulars or documents, which shall contain a concise statement of the facts from which the nature of the respondent's or intervenor's interest in the proceedings may be determined, which may admit or deny any or all of the facts alleged in the applications, and which shall be endorsed with the name and address of the respondent or intervenor or his/her solicitor to whom communications may be sent. Any respondent or intervenor shall, in addition, serve three (3) copies of his/her reply or submission, and supporting information, particulars or documents upon the Applicant and one (1) copy each upon the Attorney General of the Province of Alberta, the Canadian Federation of Agriculture (at 111 Sparks Street, Ottawa, Ontario) and Unifarm (at 9934 - 106th Street, Edmonton, Alberta).

2. Any interested party may examine a copy of the applications and the submissions filed therewith at the office of:

Northern Pipeline Agency
4th Floor - Shell Centre
400 Fourth Avenue South West
Calgary, Alberta
T2P 0J4

or at the office of the Applicant's Agent:

.../3

- 3 -

The Alaska Project Division of
NOVA, AN ALBERTA CORPORATION
104 Fourth Avenue South East
Calgary, Alberta
T2P 2M7

(Please contact D.T. Rigby
Supervisor, Regulatory Affairs).

DATED at the City of Calgary, in the Province of Alberta,
this 17th day of December, 1980.

NATIONAL ENERGY BOARD

"W. A. Scotland"

W. A. Scotland
Designated Officer,
Northern Pipeline Agency.

